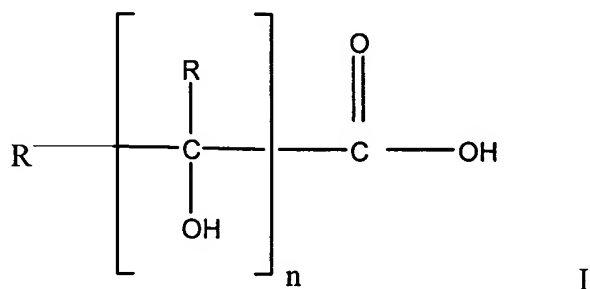


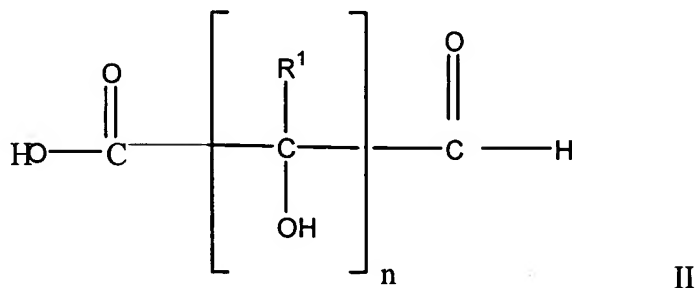
ABSTRACT OF THE DISCLOSURE

The invention provides a method of topically treating a dermatological disorder. The method includes topically applying a therapeutically effective amount of a cosmetic or dermatological composition to an affected area of the skin. The composition includes at least one compound that is (i) a polyhydroxy-aldonic acid, (ii) a polyhydroxy-aldonic lactone, (iii) a polyhydroxy-alduronic acid, (iv) a polyhydroxy-alduronic lactone, (v) a polyhydroxy-aldaric acid; (vi) a polyhydroxy-aldaric lactone, and (vii) an organic acid lactone having two or more hydroxyl or ketohydroxyl groups. The dermatological disorder treated is one associated with reactive or dilated blood vessels.

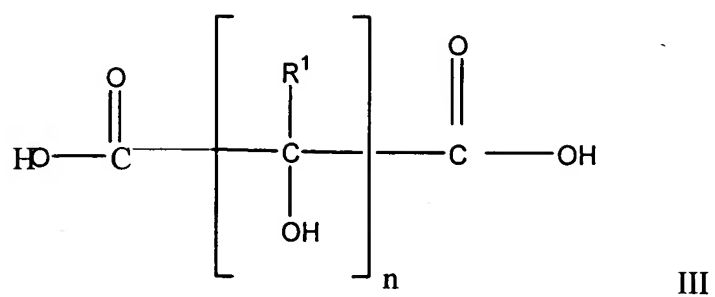
Also included in the invention are methods of treating dermatological disorders associated with reactive blood vessels that include topical application of a therapeutically effective amount of a composition. The composition includes at least one compound selected from a compound represented by formula (I):



by formula (II):



and by formula (III)



and a lactone derived from an organic acid having two or more hydroxyl or ketohydroxyl groups.